

UNINSTRUMENTING IN-LINE CODE INSTRUMENTATION VIA STACK UNWINDING AND CLEANUP

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ABSTRACT OF THE DISCLOSURE

A method and system for reverting a process in an in-line instrumented state to an uninstrumented state. In one embodiment, the present invention modifies selected text segment portions from the process to be uninstrumented. The present embodiment then unmaps instrumented code space such that the instrumented code space is inaccessible to the process. In this embodiment, the present invention also cleans a call stack of the process by unwinding the call stack and resetting the storage locations for return pointers from the instrumented code space to uninstrumented code space.